

"From Shores Of Massachusetts To Hills Of Oregon"

Five Former Y-12ers In Air Force Complete Basic Training At Lackland Field; Scattered Over U.S. For Advanced Course

Little, Maddux Brothers, Garland, Kirkwood Sent To Varied Locations

"From the Halls of Montezuma to the Shores of Tripoli" is the well known and loudly sung theme song of the Marines—indicating the far-flung range of their activities. Maybe the Air Force ought to pen a lyric something about "From the Shores of Massachusetts to the Hills of Oregon"—for that's the distance put by the airmen between five young former Y-12ers who enlisted in the A. F. as a group back in December.

News that the five had graduated from basic training school and now are enrolled in advanced technical training courses comes in a news story from the Public Information Office at Lackland Air Force Base, near San Antonio, Tex., where the five were sent after leaving Oak Ridge.

Were Pals In High School

The five former Y-12ers are Dick Garland, Charley Kirkwood, Harold Little, Bill Maddux and Charley Maddux. All are graduates from Oak Ridge High School—where they were pals—and were prominent in sports circles. Last summer they came down to Y-12—still running together and performing on plant basketball and baseball teams. They had some hopes of sticking together in the service—but Uncle Sam apparently had different ideas.

According to the Lackland Field story, the former Y-12ers were among more than a dozen Oak Ridgers who received basic training at the Texas base before being sent to other posts for further training.

Four To Civilian Schools

Four of the five youths from Y-12 have been assigned to various civilian schools under a new Air Force program. Garland is at Arizona State College, Little is located at the New England Aircraft School, Boston, Mass., Kirkwood is studying at Oklahoma A. & M. College and Bill Maddux is at Pennsylvania State College. Charlie Maddux was sent from Lackland Field to training in the aero school at the Navy Base at Killamook, Ore., where many Air Force soldiers are trained.

The Maddux brothers were helpers in the Electrical Maintenance Department before entering the service. Little was a junior health physics technician in the Health Physics and Hygiene Department. Garland was a junior clerk in Plant Engineering. Garland's father also is a Y-12 employee, being Jack Garland, of the Receiving and Shipping Department.

Basic Training Course Through

In the basic training course at Lackland Field, the trainees are given a complete course with the background of military discipline and routine. On successful completion the airmen enter their second phase of training that consists of specialized study in the career fields that the individuals are deemed best fitted for, as judged by intensive psychological testing and careful guidance from trained consultants.

The training is handled jointly by flight chiefs and by lecture and

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6-22-11
Y-12 Photo By Vince Moore
THEY'RE IN THE AIR FORCE NOW, THEY'RE NOT BEHIND—
A sharp before and after contrast of four of five former Y-12ers who enlisted as a group in the Air Force is shown in the two above pictures. At top four of the five are paying close attention to a demonstration on proper wearing of the uniform, being given by Sgt. A. L. Rowley at Lackland Field, Tex. Dick Garland is at left in front row, Harold Little and Bill Maddux are third and fourth from left; and Charley Kirkwood is at far right against the wall in the second row. Compare them with their appearance in the lower picture—made last January just before the group left for training and which appeared in The Bulletin January 10. C. J. Maddux, center, was not in the Lackland Field picture but is in the Air Force and training in Oregon.

Carbide Fellowship Administrator At Mellon Will Speak At Ridge A.I.Ch.E. Meeting Monday

D. C. Lewis, administrator of the organic synthesis fellowship of Carbide and Carbon Chemicals Company at the Mellon Institute of Industrial Research, Pittsburgh, Pa., will speak at a meeting of the Oak Ridge Chapter of the American Institute of Chemical Engineers next Monday night, May 7. The meeting will be held at 8 o'clock in the Knights of Columbus Hall, Jefferson Circle.

The speaker will discuss early developments in industrial research that contributed to the aliphatic

chemical industry in his talk, entitled "Some Consequences Of Industrial Research."

Lewis has been administrator of the Carbide fellowship at Mellon Institute since 1945. He has been connected with the commercial life of Carbide and Carbon Chemicals Company during its existence.

All members of Oak Ridge technical organizations and visitors are invited to attend the session to hear the distinguished Carbide speaker.

Portrait Contest Set By Camera Clubbers

Black and white portraits will be the subject of competition at the monthly meeting of the Carbide Camera Club at its headquarters in the East Portal Building of Y-12, at 7:30 p. m., Tuesday, May 8.

Amos Trotter, photography instructor at the Oak Ridge High School, will be the speaker for the meeting and will also judge the portrait competition. The topic of his speech will be Photographic Techniques.

Refreshments will be served on the conclusion of the business meeting.

DETECTION GADGET SHOWN

The Associated Press reports that Dr. Shields Warren, Atomic Energy Commission director of biology and medicine, has demonstrated a pocket-size radiation detection instrument. It will be tested for use by civil defense experts.



D. C. Lewis

Careless Smoking Hazard Is Cited; Elimination Urged

Cause Ranks Third In Y-12 Fires; Employees Asked To Cooperate

Encouraged by the successful results and cooperation from employees throughout Y-12 in observance of the recent Spring Clean-Up Week, the Y-12 Fire Department has turned its attention to elimination of another potential serious fire hazard—careless smoking in the plant area and buildings.

Fire prevention authorities throughout the country have cited the danger from careless smoking habits that include tossing still burning matches or cigarette and cigar stubs into spots where they can start a fire. Fire loss figures from blazes started in such a manner are staggering—even more so when it is considered that all such fires are preventable.

Smokers Have Ample Room

Here in Y-12 Fire Chief W. O. Elam and Lee W. Bagwell, supervisor of the Safety Department, point out that existing regulations ban smoking in certain areas, both inside and outside buildings, where potential fire hazards exist. However, these regulations leave plenty of room for smokers to enjoy their cigarettes, cigars and pipes in non-dangerous areas.

Chief Elam has pointed out that careless smoking is the third ranking cause of fires in Y-12, according to statistics compiled since the plant was opened in 1943. During that time there have been 95 reported fires in Y-12 caused by careless smoking, the cause ranking just behind those originated by electric operations and welding. The largest number of fires in any one year in Y-12 from smoking was in 1945, when 31 such blazes were reported.

Hazard Automatically Grows

Although only three such fires were reported in 1950, the rapidly increasing size of the plant personnel automatically increases the hazard and calls for increased caution, Chief Elam points out.

Plant regulations ban smoking in such areas as lumber storage yards, warehouses, oil houses, paint shops and areas in which ditto fluid or other flammable liquids are used. "No smoking" areas also are prescribed in many buildings where a careless spark might cause a fire. The regulations also extend to unattended buildings where activities are conducted on a part-time basis and where a smoldering cigarette or

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SAFETY SCOREBOARD

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Without A Lost Time
Accident
Through April 29

The Bulletin

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GEORGE W. DOBBS . . . Editor

OFFICE

North Portal, Bldg 9701-1
Telephone 7753

Attendance Record In Y-12 Continues Good

Employees of Y-12 continued to compile good attendance records for the week ending April 22, when the absentee mark was 2.7 per cent. This was .1 per cent higher than the preceding week.

Four departments in the Minor League had perfect attendance records for the latest reporting period. They were Property Sales, Steam Plant, Personnel and Tools. The first two were repeaters from the preceding week. Personnel advanced from second place and Tools from fourth. Second place in the Minor League for the week ending April 22 went to the Janitors Department with an absentee mark of .4 per cent and which advanced from 10th place. In third place was Utilities Maintenance with .58 per cent of its personnel absent and which was in first place the preceding week.

Stores took over the top rating in the Major League with only .8 per cent of its employees absent in an advance from fourth position. The Guard Department, in first place for the week ending April 15, dropped to second and had an absentee record of 1.6 per cent. In third place was the Assay Laboratory with an absentee record of 1.7 per cent. It held sixth place the previous week.

Ridge Food Prices Take Drop But Still Above 1950 Level

An interesting item for housewives is that the retail food price index in Oak Ridge dipped .8 per cent in the last month. This was the first decrease since October 1950. It will be wise to save that sigh of relief for the index is still 15.3 per cent higher than in April 1950.

A gain in some prices has been shown, however, these are such items as fish, canned fruit, cereals and bakery products. A decrease in the price of fresh fruits and vegetables caused the drop in general food prices.

Carbide Curtain Call Show Offers 'Miss Liberty' Next

Curtain Call, the popular musical program now being sponsored by Carbide over Oak Ridge station WATO every Sunday night from 8:30 p. m. to 9 p. m., will present Irving Berlin's "Miss Liberty," Sunday, May 6.

This work of the famous American composer features such tunes as "Let's Take An Old Fashion Walk" and "Paris Wakes Up and Smiles."



One Y-12 employee was listed as the father of a baby boy born at the Oak Ridge Hospital recently. The father is Lacy D. Keele of the Analytical Laboratory. The baby was born Sunday, April 22.



Nelson Bethea, of the Superintendents Department, and John Harding, of the Product Chemical Department, were in New York during the week in which General MacArthur turned the town inside out. The Y-12ers were attending a meeting of the Society for Advancement of Management, an industrial engineering organization. With the general as a rival attraction, the Y-12ers denied they sought to horn in on the proceedings by rendering their version of "The Tennessee Waltz" on the steps of Grant's Tomb at midnight.

Mary Carter, of the Product Chemical Department, has returned from a recent week of vacation in Tampa, Fla. . . . Mattie May had her brother, Jim, from Nashville, as guest over a recent week end . . . The department extends get-well wishes to Mary Anderson.

Evelyn Harmon, of the Plants Records Department, spent the week end at the B. S. U. Retreat in Carson Springs, Tenn. . . . Betty Stephens spent the week end in Nashville, Tenn. . . . The department extends a hearty welcome to Shirley Reagan, who is working with the ANP group.

The Analytical Laboratory welcomes Martha Bridges to the roster. . . . They are also glad to hear that Stanley Cole and his wife are both better and out of the hospital.

E. R. Wells, of Research Engineering, and his family are visiting relatives in South Alabama while on vacation this week. . . . Congratulations are extended to Mr. and Mrs. Leo F. Hemphill who are the proud parents of a baby girl, Deborah, who was born on April 17. . . . Art Brewer and his wife, Elma, former Y-12er, have just recently moved into their new home in Knoxville.

J. Stapleton, of the Guard Department, is on a two-week vacation.

The Electrical Maintenance Department extends sympathy to W. B. Lyles, whose father died April 23, at his home in Coalfield, Tenn.

Fern Cunningham, of Plant Engineering, spent last week's vacation at her home in Kentucky, to be with her brother, who is on leave from the army. He is to leave for Korea soon.

Bill Lukeman, of Analytical Chemistry, spent the week end in Jefferson, Ga. . . . Congratulations to Les Jenkins, who is getting married to Jeanne Lamade, on May 5. Les is also going back to school to the University of North Carolina. Folks in the department are going to miss Les, but wish him lots of luck. . . . The department is also going to miss Betty Been, who is moving to Huntsville, Ala., with her husband.

Virginia Spivey, of the Material Chemistry Department, Elizabeth Patrick, of the Analytical Laboratory, and Mozelle Rankin flew to Corpus Christi, Tex., to spend a week of vacation. . . . H. M. McLeod had his parents from Alabama, visiting over the week end. . . . Don Phillips was released from the hospital last week and his co-workers hope he will be back to work soon. . . . The department wishes Emily Leyshon good luck. Emily terminated Monday, to devote her time to housekeeping.

Bill Rathkamp, of the Isotope Research and Production Division, was very busy last week—passing around cigars and candy. Bill is the proud papa of a baby girl, Carolyn Jean, who was born April 24. This is the Rathkamp's first child. Congratulations to the proud parents.

G. I. Davis, of the Fire Department, is vacationing at home in Heiskell this week.

Georgia Rader, of the Stores Department, and Faye Cook, took their guest, Lois Bryce, from Kentucky, to Gatlinburg over the week end. . . . Good luck to Juanita Fu-



MISS VIRGINIA GOBBLE, OF THE Y-12 PERSONNEL DEPARTMENT, WHO WILL BE married May 8 to Ray C. Phillips, of the Product Fabrication Department, was honored at a dinner Thursday night, April 18, at the Oak Ridge Golf and Country Club by a group of fellow employees in Y-12. Guests pictured above are, seated from left, Meta Butler, Lucille Whitman, Mildred Langley and Trasda Joiner. Standing are Esther Moody, Mozelle Kennedy, Betty Lou Butler, Helen Ross, Miss Gobble, Norma Harter, Marie Ramos, Margaret Ross, Desma Hutcheon and Edna Kennedy.

Y-12 Nurses At Dispensary Are On Duty Continuously

For the convenience of Y-12ers who find themselves in need of medical attention at any time of the day or night, seven days a week the dispensary will have nurses on duty 24 hours daily. Employees may use the front entrance on First Street for service on Sundays.

gate who left recently to work at Paducah, Ky.

Dave Griffith, of the Tools Department, is vacationing at his home in Lansing, Tenn.

Bill Baumann and Don Ross, of the Health Physics and Hygiene Department, attended the American Industrial Hygiene Association convention in Atlantic City, N. J., last week. Bill was a moderator for one of the sessions.

The Assay Laboratory Department extends get-well wishes to Annie Rogers and Bill Thompson, who are on the sick list. . . . Agnes Johnson has returned from a week of vacation.

Lucille Whitman, of the Personnel Department, and her husband, Graydon, of Isotope and Research Production, are vacationing in Miami, Fla., this week. . . . Enda Kennedy and her husband, Ernest, of the Maintenance Shops Department, are planning to do a lot of fishing while on vacation this week. . . . Virginia Gobble was on the sick list last week.

Dr. I. N. Lyon, of the Reactor Technology Division, has returned from last week's business trip. He visited the University of California and Northwestern University.

The best of luck to Patria Loy, of the ANP Division, and to her husband, Ray, who are leaving for Los Angeles, Calif., in a few days, where Ray has accepted a job with the North American Aviation Corp. The couple flew to New York last Thursday to attend the wedding of a friend there. . . . The division welcomes Pauline Harmon to the roster. . . . and wishes a speedy recovery for Kit Martin. . . . Dorothy Hilyer and her husband, John, of the Electromagnetic Research Division, spent the week end with her mother in Austinville, Va.

John Jenkins, of the Property Sales Department, spent a recent week of vacation at his home in Kingston. . . . Congratulations are extended to Floyd McClure, who is the father of a baby boy, Floyd McClure, Jr., who was born on April 25, in Kingston.

Ray Barron, of the Manufacturing Offices, and Jack Garland, of Receiving and Shipping, flew to Chicago Monday, to attend a three-day material handling convention. . . . Kay Steed and Bernice, that brand new bride and groom, spent their honeymoon last week in New Orleans, La.

E. L. Bailey, of the Receiving and Shipping Department, vacationed at home in LaFollette, last week.

Juanita Reed, of the Security Department, is going up to Louisville, Ky., this week end to at-



ROGERS - DINKINS

The many Y-12 friends of Miss Vera Ann Rogers, of the Products Processing Department in Bldg. 9212, have been extending congratulations and best wishes over her impending marriage to Pvt. Charles C. Dinkins at Fort Knox, Ky., Saturday, May 5.

The ceremony will be conducted at 3 o'clock Saturday afternoon by Capt. Ralph R. Potts at the divisional artillery chapel on the army post. Captain Potts is an army chaplain.

The bride is the daughter of Mr. and Mrs. C. H. Rogers, of Corryton, Tenn., in Knox County. Parents of the groom are Mrs. Phronia Dinkins, of Williamsburg, Ky., and Walter Dinkins, of Cincinnati, Ohio.

At her wedding the bride will wear a navy blue suit with navy and white accessories. She will wear a corsage of red roses. Miss Grace Boyd will be maid of honor and wear a wine suit with black accessories and a corsage of white roses.

Hal Payne, of Athens, Tenn., will be best man at the wedding.

Miss Rogers attended Gibbs High School in Knox County. Dinkins attended Pleasant View, Tenn., High School, Cumberland College at Williamsburg and the National Business College.



The following Y-12 employees were patients at the Oak Ridge Hospital last week: Ernest W. Palmer, Field Maintenance; Buster Lynch, Corinne E. Snyder and Orland C. Blanton, Product Chemical; Hugh Sadler, and Pauline C. Applin, Research Service; Helen M. Burkhalter, Library; Elmer L. Zimmerman, Isotope Research; and W. D. Lavers, Y-12 Superintendent.

tend the Kentucky Derby. Anyone want to go along? She has room for two people. . . . The department wishes Liz Campbell the best of luck in her new occupation—raising a family.

Out of the mouths—

Avery Kendig, of the Transportation Department, tells this one: He went home one day to find his little daughter reading The Bulletin with a frown on her face. "Daddy," she asked, "why do we keep taking this old paper. It hasn't had a picture of you or Mr. Tibbatts (Nelson) in it for two weeks now." (That was just before last week's paper. Hope Miss Kendig will continue her subscription.)

Safety Jingle By Y-12 Guard Appropriate For Whole Plant

S—is for sorrow, which can come to you if you don't obey safety rules.

A—is the America, which we want to keep safe. Always remember safety at your working place.

F—is for friends, one and all. If you forget your safety rules, great will be your fall.

E—is for everlasting. How long will you stand if you don't apply safety while traveling through this land?

T—is for travel. Wherever you may go always remember safety while driving on the road.

Y—is for your family and mine so let us all work safely and everything will be fine. Always think of others.

This appropriate contribution was submitted to The Bulletin by W. E. Honeycutt, of the Guard Department. His thoughts may well be taken to heart.

Community Chorus Sets New Concert Date For Nov. 28

It has been announced that the Oak Ridge Community Chorus Concert scheduled to be given on Monday, May 7, has been cancelled and a new date has been set for Monday, May 28. Further information as to time and place will be published at a later date.

Authorities Doubt If Fuchs Able To Tell All To Reds

The information passed by convicted spy Klaus Fuchs to the Russians may not prove valuable to the Soviets after all, Time magazine conjectures in a recent issue. Says the magazine:

"Atomic authorities are still baffled by Scientist-Spy Klaus Fuchs, now in prison. As a trusted insider in both U. S. and British atom-bomb laboratories, Fuchs had an enormous amount of secret and vital information. He insists he transmitted the data to the Russians but there is an excellent chance that much of Fuchs' information never reached Russian scientists in a form they can use. It is hard to transmit such knowledge from one qualified scientific mind to another, even with plenty of time and face to face conversations. Furthermore, authorities reason, Fuchs may still be trying to help the Russians from his prison cell. He may be confessing to have told more than he actually did, in hope that publication finally will transmit all his knowledge to the Russians."

"So the authorities figure that it is best to keep their mouths shut tight and act as if traitor Fuchs had told nothing."

Member when a penny cake of "Kiss-Me" chewing gum made a treat for four?

Y-12 DIAMOND TEAMS POINT FOR INTER-CITY LOOP

Y-12 SPORTS NEWS



6-2646
Y-12 Photo By Vince Moore
GOLFERS ON THE TURF RIDERS TEAM OF THE Y-12 GOLF League are shown above. From left are J. D. Brown, Carl Door, Lamon Matthews, Les Carter and Walt Sherrod.

Four Teams Are Tied For Golf Loop Lead

The Y-12 Area Golf League completed its second week of play Friday, April 27, with the league standing beginning to show a definite first and second division. The Divots, Rippers, Rough Riders, and Turf Riders all have won two matches to tie for first place.

In last week's matches the Divots won over the Hooks 14 to 22, the Turf Riders 14½ over the Green Rays 21½, the Rough Riders 16½ over the Deacons 19½ and the Rippers 15½ over the Four Hundreds 20. In the final match the Left Overs beat the Four Woods 13½ to 22½.

V. L. Meece of the Divots had the best scratch score for the week with a 37. Meece, along with Clyde Bowles of the Rough Riders and Elmore Koons of the Green Rays, tied for best handicap score with 36.

In the team scoring the Turf Riders had the best scratch score with 163. Handicap scoring honors went to the Divots with 156.

Along with the golf league the ladder competition has been showing some activity over the past week. The ladder standing as of April 27, is Shugart, Cater, Bauman, Meece, Ludwig, Tiller, Sawyer, Lavers, Bowles, Caldwell, Sherrod, Koontz and Dorr. Each person on the ladder must play three challenge matches every 30 days to keep his position on the ladder.

Physics Seminar To Resume Meetings On Friday Afternoon

The Oak Ridge Physics Seminar will resume its weekly meetings at 4 p. m., Friday, May 4, in the East Lounge of the Ridge Recreation Hall. All Y-12 technical and scientific personnel are invited to attend.

Dr. T. A. Welton of the Oak Ridge National Laboratory will speak on the subject of Noise and Irreversible Processes.

BRITON COMPLAINS

Kenneth Younger, British Minister of State, is quoted by the New York Times as complaining that Britain, a partner of the United States in development of the atomic bomb, now finds itself without capacity to make them and without a voice in when and where they might be used.

Plant Softball Loop Teams Set Practice Games For Training

With 10 teams definitely set to go and one still hoping for more players, the Y-12 Area Softball League started playing practice games this week and will continue to do so until the opening game on May 14. The league is scheduled to play all its games at the Elza Field, with three games being played each Monday through Thursday night.

The teams that have announced being set for the season's play are Engineering, All Stars, Orphans, Bldg. 9709, ANP, Bldg. 9211, Bldg. 9737, Isotopes, Bldg. 9212 and the 49ers, also from Bldg. 9212. The Guards are the other team for possible entry. Several of the teams have announced that new names for their teams are forth-

coming. Entries for the league close Wednesday, May 2. All teams must register by that date and it is requested that a tentative roster be submitted from each team.

B Loop Ends Play; Bums Runners-Up

The B League came to a close Thursday, April 26, with the Bums splitting two and two with the Bumpers to finish in second place, one game ahead of the third place All Stars who dropped four points to the Head Pins. In the other matches the Wasps won three from the Tigers, the Comets won four from the Wolves, the Cubs won three from the league winning Rippers and the Maintenance team won three from the One-91 bowlers.

Roy Roberts of the Comets had the high scratch scores for the night with a 212 single game and a 565 series. Al Groppe of the Rippers had the high handicap single game with a 228 and Jack McLendon of the Comets had the high handicap series with a 621.

In the team scoring the Rippers had the high scratch scores with a 701 single game and a 2439 series. They also had the high handicap single game with a 1014. The Comets had the high handicap series with a 2932.

League standing follows:

Team	W	L	Team	W	L
Rippers	36	8	Wolves	22	22
Bums	27	17	Bumpers	19	25
All Stars	26	13	Cubs	18	26
Wasps	24	20	Maintenance	18	26
Comets	24	20	One-91	14	30
Head Pins	22	22	Tigers	14	30

Varsity Keglerettes Lose Two To End Season In Seventh

The Y-12 keglerettes of the Oak Ridge Women's City Bowling League lost two games to the Norris Creamery team Thursday, April 26, to finish this bowling season in a tie for seventh place. The one game won by the Y-12 team prevented the Norris bowlers from winning the second half championship. Line scores for Y-12 were 706, 717, 652-2075; for Norris Creamery 741, 710, 641-2193.

Betty Whitehorn was high for the Y-12ers with 156, 158, 127-441. She was followed by Oradean Upchurch 154, 128, 153-435; Ruth Law 134, 158, 119-411; Olyne Kappelmann 150, 131, 125-406 and Katie Williams 107, 138, 106-351.

Conrad Roberts Leads Y-12ers In Pin Win Over Fairchild

The Y-12 keggers of the Oak Ridge Bowling League won four points from the Fairchild team Monday, April 23. Conrad Roberts lead the Y-12ers in scoring with a 576 series. The line scores for Y-12 were 845, 836, 833-2514; for Fairchild 840, 781, 718-2339.

Roberts put 222, 145, 209 together to get his 576. Frank Gregg followed with 179, 190, 137-506. The team scoring was completed by Elmore Koons 131, 189, 168-488; Walt Sherrod 171, 158, 156-485 and Nelson Tibbatts 142, 154, 163-459.

BULGARIA AIDS REDS

A recent United Press story revealed that refugees from Bulgaria claim that 60 carloads of uranium are being shipped daily from that country to Russia.



SHOWN ABOVE ARE SOME OF THE PLAYERS ON THE Y-12 badminton team in the Oak Ridge City League during the past season. Standing, from left, are Joe Culver, Pres Hill, Spence Wallace and Jean Hurst. Kneeling is Fred Hurst. Team members not present were Tony and Lorraine Vallado and Mal and Phyllis Wallis, the latter two now living at Los Alamos, N. M. In the city tournament following league play Jean Hurst was on championship teams in mixed doubles and women's doubles.

Controllers Of Y-12 W League Win Title In City Tournament By Trimming Maxim

The Controllers of the W League beat the Maxim Construction Company team by a score of 2719 to 2695 to become the 1951 Women's bowling champions of Oak Ridge in the city bowling tournament. Along with the Controllers the Y-12 women's varsity bowling team placed third in the tournament and not too many points behind in fifth place came the W League season champions, the Kemps. A roll-off Saturday, April 28 was necessary to determine the tournament because of the tie that occurred between the Controllers and Maxim during the tournament.

WASTE 'CEMETERY' PLANNED

The London Express has reported that a plot at the British atomic station at Harwell has been set aside as a "cemetery" for radioactive waste too dangerous to be dumped in the sea. The waste is buried in tombs of steel and concrete.

To expedite—To confound confusion with commotion.

Paducah Project May Pass First Expectations

The New York Daily News has reported that Walter J. Williams, director of production for the Atomic Energy Commission, recently told the House banking committee that the projected atomic energy plant near Paducah, Ky., might be expanded beyond present plans. Williams foresaw a peak of 11,000 construction workers by next January and a maximum of 1,600 operating workers in the plant by June, 1953. However, Williams said that operating personnel may go as high as 4,000 "if possible contingent developments should come to pass."

Softball, Baseball Outfits Of Ridge Join New Circuit

Knoxville, Atomic City Fans To Get Better Play During Coming Season

The softball and baseball picture in Oak Ridge brightened somewhat last week when it was announced that the Carbide teams would merge with teams from Knoxville to form leagues in men's softball, women's softball and baseball. The merger will give a better brand of ball to both Knoxville and Oak Ridge.

The softball picture in the men's division shows three teams from Oak Ridge, Y-12, K-25 and ORNL, combined with four teams from Knoxville and one from Maryville. The games will be played both in Oak Ridge, and Knoxville.

The women's division shows two teams from Oak Ridge and four from Knoxville. The Oak Ridge representatives will be Y-12 and K-25. The Midtown field will be the battle ground for the games played in Oak Ridge and the Winona Street diamond will be used in Knoxville.

The baseball league will consist has six teams tentatively signed to compete this season, the three Carbide teams from Oak Ridge, along with Fulton, Chapman Highway Park and Rockford. The assurance of keen competition has all the Y-12 teams practicing hard and prospects of winning teams in the three leagues looks good at this time.

Practice sessions follow:
Men's Softball: Middletown Field—6 p. m., May 3; 7:30 p. m., May 7; 6 p. m., May 10.
Women's Softball: Oakwood No. 2—6 p. m., May 2.
Baseball: Gamble Valley Field—6 p. m., May 2; 3 p. m., May 6; 7:30 p. m., May 7; 6 p. m., May 9.
Practice also will be held at 6 p. m., Friday, May 4, if no practice dates for other teams are rained out during the week.

Kemps Take Crown In W Loop With Win Over Woes Combine

The W League completed its season Tuesday, April 24, with the Kemps winning two games to beat the Woes and become the 1950-51 champions of the league. Margaret O'Neal had the high series for the night, which was also high for the winning Kemps. Margaret's scores were 113, 190, 191-494.

The line scores for the night were for the Kemps 890, 935, 1011-2836; for the Woes 849, 989, 858-2696.

Pool Sharks of Y-12 Retain Lead In Loop

The Y-12 cuemen remained on top of the Atomic Billiard League by winning four points from the ORNL team Sunday, April 29. "Red" Wiest again led the Y-12ers with a high run of 21. Y-12 meets the second-place K-25 Carbides Sunday, May 6, in a fight for first place.

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UCC Earnings, Sales Set New Quarter Record

Much New Construction Planned; Capacity For Production Is Doubled

Earnings of Union Carbide and Carbon Corporation for the first three months of this year are estimated at \$1.01 per share, Fred H. Haggerson, president, told stockholders at the annual meeting held recently in New York. This represents the largest first-quarter earnings in the history of the Corporation. In 1950, the Corporation earned 95 cents a share in the corresponding period.

Sales also were at a record high in the first quarter, amounting to about \$225,000,000. This is 41 per cent over last year's first quarter sales. Mr. Haggerson said that he believed this high level of sales would be maintained for the remainder of the year, since additional plants will be coming into operation.

In discussing the Corporation's plans for expanding production facilities, Mr. Haggerson stated that about \$100,000,000 will be spent on new construction this year. A great deal will depend, of course, upon the availability of materials, labor and various other things. He did say, however, that no additional financing was contemplated, since the Corporation's cash position continues to be satisfactory. At the end of 1950, cash and short-term government securities amounted to \$214,000,000, an increase of about \$73,000,000 over the previous year.

Producing Capacity Has Doubled

During the past five years, Union Carbide has more than doubled its producing capacity, stockholders were told. From 1946 through 1950, \$410,000,000 was spent on new plants and production facilities. Of this total, nearly two-thirds was for expansion of chemicals and plastics facilities; 20 per cent for alloys and metals; 10 per cent for industrial gases and carbide; and the balance of a little over five per cent for electrodes, carbons, and batteries.

Despite higher taxes and an increase of about \$5,000,000 in charges for depreciation and depletion, the net income for 1950 represented an increase of 35 per cent over 1949. Depreciation and amortization charges are expected to increase still further in 1951 over 1950.

It was reported that in the past 20 years Union Carbide has paid out to stockholders 61 per cent of its earnings. Four regular dividends and one special dividend were paid in 1950, each amounting to 50 cents or a total of \$2.50 per share for the year.

25 New Chemicals Shipped

All of the operating divisions in Union Carbide increased their sales considerably in 1950. The chemicals and plastics groups together accounted for nearly 46 per cent of the total sales; the alloys and metals group, 26 per cent; and the balance was about equally divided between the carbons and gases groups. Over one-fourth of the sales in 1950 were made in



Fred H. Haggerson

new products that have been made available since 1939.

Also, during 1950, 25 new chemicals were shipped for the first time in commercial quantities from the Corporation's chemical plants. Of these, 19 had never been available industrially before.

A new industrial flashlight cell of entirely new design was also introduced during the year. The new cell has a zinc center and a carbon-lined container, which greatly increases the capacity of the cell and prevents its swelling or sticking in the flashlight.

Union Carbide's research group also developed and perfected during 1950 many processes using industrial gases. Some of the rare gases shortly will be shipped in liquid form for the first time, Mr. Haggerson revealed. In the field of plastics, he mentioned the new squeezable bottles as an example of one of the large potential uses for polyethylene plastics.

Production of dynel, the new synthetic fiber that the Corporation introduced to the textile field last year, is not large at present but will be expanded, Mr. Haggerson said.

URANIUM TRAFFIC BANNED

The Associated Press recently reported that the Allies have forbidden traffic in uranium ore in West Berlin under penalties ranging up to life in prison. Refugee miners from the Soviet zone have tried to sell lumps of low-grade uranium ore in black market.

RARE GAS SOLIDIFIED

The United Press reports that Helium 3, an extremely rare gas, has been solidified for the first time by the Argonne National Laboratory. Laboratory officials say there is no practical use yet for the product.

Keep in step and be safety-minded.



Two Editors Learn Hard Way—From Third

Marc Tells Joe And George All About UCC Products During Game; Knowledge Amazing

By Horace Hyde

During their recent trip to New York to attend a meeting of editors of Union Carbide and Carbon Corporation publications the three Oak Ridge representatives — Joe Riordan, Carbide Courier; George W. Dobbs, Y-12 Bulletin; and Marc Sims, ORNL News; went out to the famed Yankee Stadium to watch a big league ball game.

Sims said he had never actually been to a big league game, so Joe and George got seats for a night game right behind home plate. Sims was really excited.

Doubts Arise Early

However, even before the pitcher threw the first ball, Sims' companions wondered if they were going to regret it all.

"You know," Sims said, "that backstop is made of stainless steel. One of our divisions, Electromet, makes the ferro-alloys that are used in it. Those ferro-alloys also go into the wires in the catcher's mask and the player's spikes."

"Omigosh," mcaned Joe and George in unison, "how long is this going on."

Popcorn No Good As Gag

Sims was invited to buy some popcorn in an effort to muzzle him to a mumble and allow the other scribes to enjoy the ball game. He did—but then—

"You know," as Yogi Berra pounded out a single on a wide one, "the oil that's used on this popcorn is processed with Linde nitrogen and I'll bet Linde's oxygen and acetylene were used in welding the framework of the grandstand and the scoreboard and that the lights are filled with Linde argon."

Sims' two pals (?) were slowly going nuts and had their finger nails bitten off up to the elbow.

"Oh yeah," was their inarticulate reply.

Joe Hits Long Strike

The Yanks were up again and Di Maggio (J) bounced one off



HERE IS A VIEW OF A NIGHT BASEBALL GAME AT Yankee Stadium—where many products of Union Carbide and Carbon Corporation are utilized.

the left field wall. The umpire called it a foul. Joe blew his top. "Get him a tin cup, he's blind as an owl!"

"Did you know," said Sims, "that an umpire's chest protector is made of Vinylite plastic and that the cushions we're sitting on—"

"Lissen you," growled Joe in one and George in the other of the cauliflower ears of their colleague, "suppose we all go back to 42nd Street and get a catalogue of UCC products so we can see this game in peace. We ain't on Company time now."

Sims Retains Poise

Was Sims upset? Heck no. "Looke," he gurgled between gulps of a refreshing libation, "but they make such a lot of stuff. The National Carbide outfit probably made the brushes used to generate the current for the night lights—"

"Okay pal," he was told, "how about the brush you're going to get if you don't SHADDAP."

"Oh, but you must know that our own Chemicals Company make the chemicals to treat the baseball and the gloves and the cloth in the uniforms and—"

"C'mon George, lets go watch the rest of this on television," Joe exploded as both arose to flee the scene.

"Hey, you guys," was Sims' parting shot, "you know UCC makes a lot of things that go into television sets and . . . Hey, wait, fellows, Hendrich, coaching at first base, just put on the hit and run. He signaled DiMaggio to hit the next pitch to right so Berra can go down from first to third and be in soring position."

"Whoa! Where'd you dig that up?" George sputtered kind of goggle-eyed. "Just how did you know about Hendrich's signal?"

"Well," said Marc, "the National Lab baseball team uses the same signals as the Yankees and I haven't missed a Lab baseball game in years. Come on, let's watch the ball game."

We are making a survey—We need more time to think of an answer.

Careless Smoking Seen As Hazard In Plant

Continued from Page 1
cigar stub or match could start an unobserved fire.

Fire Department Offers Signs

The decision as to prescribing "no smoking" areas in buildings not specifically covered by Fire Department regulations is largely up to Supervision in carrying out observance of fire prevention and safety principles. Any supervisor wanting "no smoking" signs placed in certain parts of their buildings are asked to communicate with the Fire Department to obtain the placards.

Rides Wanted And Offered

RIDE WANTED — From 110 Meadowbrook St., Clinton, straight day shift. Dorothy Caldwell, plant telephone 7498, home telephone Clinton 1082.

RIDE WANTED—From Petros, Tenn., shift worker. L. Pyles, telephone 7573.

RIDERS WANTED—Have three vacancies from Knoxville, straight day shift. Lennis Winchester, Y-12 telephone 7141, Knoxville telephone 2-2440.

ZIRCONIUM OUTPUT PUSHED

The magazine, Business Week, reports that the Atomic Energy Commission is pushing the output of zirconium to get more of the metal for nuclear reactors.

HINTS FOR HOME SAFETY WHAT'S WRONG IN THIS PICTURE?



Answer
Accumulation of old newspapers, boxes, rags and bric-a-brac. Poor storage of painting materials. Cluttered stairway.

Old newspapers, paper boxes and used rags not only take up valuable storage space, but are a fire hazard. Baskets, cans, old furniture, and miscellaneous pieces of metal and wood that will probably never be used, also crowd cellar space and can cause serious falls. Get rid of all such unwanted materials.

Paints and painting materials, another fire hazard, should be stored in an isolated place away from heating units. Keep stairs clear at all times to avoid falls. Tackle that job now! Clear out your cellar.

AMERICAN MUTUAL LIAB. INS. CO.

NPA SURVEYS NEEDS

The Augusta, Ga., Herald was reported that representatives of the National Production Administration recently visited that city to expedite priorities and critical materials needed in construction of the Savannah River plant of the AEC.

Five Former Y-12ers Scattered By A. F.

Continued from Page 1
class periods. The flight chiefs are the Air Force counterparts of Army drill sergeants who live with the men and lead their drills. The lecture and class periods cover a wide range of study, including desert, arctic and jungle survival, protection against air and gas attacks, military law, basic mathematics and government in addition to a complete character guidance program.

All Old Weapons Declared Dangerous

Cosmopolitan Magazine points out that all old guns are dangerous, pointing out that 1,500,000 accidents occurred between World War I and World War II from the use of old weapons. The magazine says that few persons realize that some ammunition can go off without benefit of a gun. For example, certain chemicals in a souvenir shell can deteriorate in time and the whole thing can explode in response to a slight shock, such as a change in weather.

Old hand grenades can be particularly lethal, Cosmopolitan says, and should be deactivated at once. Advice on how to do this may be obtained from Army or other experts.

"I sometimes think my husband has gotten tired of me."

"Why should you think that?"

"Well, he hasn't come home in three years."